

Title (en)

RETENTION RING WITH REMOVAL FEATURES FOR A GAS TURBINE ENGINE

Title (de)

HALTERING MIT ENTFERNUNGSELEMENTEN FÜR EINEN GASTURBINENMOTOR

Title (fr)

BAGUE DE RETENUE DOTÉE D'ÉLÉMENTS D'ENLEVEMENT POUR UN MOTEUR À TURBINE À GAZ

Publication

EP 4249730 A1 20230927 (EN)

Application

EP 23152761 A 20230120

Priority

US 202217700682 A 20220322

Abstract (en)

A retention ring (66; 66'; 66"; 166) for a gas turbine engine (10; 20) includes, among other things, a main body (72; 172) extending in a circumferential direction about an axis (RA) to establish a continuous hoop having a first diameter (73) and a second diameter (74). The main body (72; 172) includes first and second circumferential faces (75, 76; 175, 176) along opposite sides of the main body (72; 172). The first circumferential face (75; 175) is dimensioned to abut a gas turbine engine component (64). The main body (72; 172) includes at least one removal feature (78; 178) dimensioned to sever in response to engagement with a cutting tool (TT). A method of assembly is also disclosed.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [X] US 2018363484 A1 20181220 - MILLER JONATHAN LOGAN [US], et al
- [X] US 2019017605 A1 20190117 - MILLER JONATHAN LOGAN [US], et al
- [A] US 2020300122 A1 20200924 - ANGLIN CHRISTOPHER T [US], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

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